

46809

PKCβ (D3E7O) Rabbit mAb



Orders: 877-616-CELL (2355)

orders@cellsignal.com

Support: 877-678-TECH (8324)

Web: info@cellsignal.com

cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

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Applications: W, IP, FC-FP	Reactivity: H M R	Sensitivity: Endogenous	MW (kDa): 80	Source/Isotype: Rabbit IgG	UniProt ID: #P05771	Entrez-Gene Id: 5579
Product Usage Information		Application Western Blotting Immunoprecipitation Flow Cytometry (Fixed/Permeabilized)			Dilution 1:1000 1:50 1:200	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.				
		For a carrier free (BSA and azide free) version of this product see product #51648.				
Specificity/Sensitivity		PKC β (D3E7O) Rabbit mAb recognizes endogenous levels of total PKC β protein. The antibody recognizes both PKC β I and PKC β II isoforms.				
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro619 of human PKCβI protein.				
Background						
Background References		 Nishizuka, Y. (1984) Nature 308, 693-8. Keranen, L.M. et al. (1995) Curr Biol 5, 1394-403. Mellor, H. and Parker, P.J. (1998) Biochem J 332 (Pt 2), 281-92. Ron, D. and Kazanietz, M.G. (1999) FASEB J 13, 1658-76. Moscat, J. and Diaz-Meco, M.T. (2000) EMBO Rep 1, 399-403. Baron, C.L. and Malhotra, V. (2002) Science 295, 325-8. Flynn, P. et al. (2000) J Biol Chem 275, 11064-70. Kawakami, T. et al. (2002) J Biochem 132, 677-82. 				

Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Western Blot Buffer

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v nonfat dry milk, 1X TBS, 0.1% Tween® 20 at 4° C with gentle shaking, overnight.

Applications Key

W: Western Blotting IP: Immunoprecipitation FC-FP: Flow Cytometry (Fixed/Permeabilized)

Cross-Reactivity Key H: Human M: Mouse R: Rat

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